

A B S T R A C T

METHOD AND SYSTEM FOR REMOTE SOFTWARE
DISTRIBUTION AND INSTALATION

A mechanism for the remote distribution/installation of
5 computer programs from a source to a number of target
computers. The computer programs are transferred as packages
identified in a package list. Attempt numbers for retrying a
push mode and a pull mode distribution are pre-specified. A
next package is identified in the package list and it is
10 checked if a target computer is available. If it is available
then installation of the package on the target computer is
started. Otherwise, if at least one push mode attempt is
left, a next push mode is resumed and rescheduled and, if no
push mode attempt is left, but at least one pull mode attempt
15 is left, a next pull mode distribution is resumed and
rescheduled. The mechanism particularly proposes a queue
manager that activates a request, i.e., moves the request
from a request queue into an active queue, and has
implemented throttling that balances the load during a
20 software distribution/installation.